

1631

RAW SEQUENCE LISTING DATE: 07/17/2000
 PATENT APPLICATION: US/09/149,716B TIME: 14:02:34

Input Set : D:\ippz002lus.app.txt
 Output Set: N:\CRF3\07172000\I149716B.raw

4 <110> APPLICANT: Stuve, Laura L.
 5 Gooding, Douglas H.
 6 Mullahy, Sara J.
 7 Garrow, Bonnie L.
 8 Klemm, Juli D.
 10 <120> TITLE OF INVENTION: POLYNUCLEOTIDES AND POLYPEPTIDES DERIVED FROM RAT CEREBRAL HEMISPHERE.
 12 <130> FILE REFERENCE: PZ-0021 US
 14 <140> CURRENT APPLICATION NUMBER: 09/149,716B
 C--> 15 <141> CURRENT FILING DATE: 1998-09-08
 17 <150> PRIOR APPLICATION NUMBER: 60/058,540
 W--> 18 <151> PRIOR FILING DATE: 97-09-09
 20 <150> PRIOR APPLICATION NUMBER: 60/069,690
 W--> 21 <151> PRIOR FILING DATE: 97-12-11
 23 <160> NUMBER OF SEQ ID NOS: 4356
 25 <170> SOFTWARE: PERL Program
 27 <210> SEQ ID NO: 1
 28 <211> LENGTH: 265
 29 <212> TYPE: DNA
 30 <213> ORGANISM: Rattus norvegicus
 32 <220> FEATURE:
 33 <221> NAME/KEY: misc_feature
 34 <223> OTHER INFORMATION: Incyte ID No: 700184301H1
 36 <220> FEATURE:
 37 <221> NAME/KEY: unsure
 38 <222> LOCATION: 53, 75, 120-121, 123
 39 <223> OTHER INFORMATION: a, t, c, g, or other
 41 <400> SEQUENCE: 1
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 W--> 43 gggggagactg_gaggnccgtg_cagaccacg ggaatgccag ggtcacgcgc ctttgtttan 120
 W--> 44 nanatgaag_gggagccaac ctgagccatg gaaggatgac tgaggccgtg tcgctggggtc 180
 45 ctagaggggt ccacaggatc aggagccata gactgcacac agttggcccc acaatctgag 240
 46 ctggcaccgg ctcttgggag atcct 265
 48 <210> SEQ ID NO: 2
 49 <211> LENGTH: 263
 50 <212> TYPE: DNA
 51 <213> ORGANISM: Rattus norvegicus
 53 <220> FEATURE:
 54 <221> NAME/KEY: misc_feature
 55 <223> OTHER INFORMATION: Incyte ID No: 700184302H1
 57 <220> FEATURE:
 58 <221> NAME/KEY: unsure
 59 <222> LOCATION: 4, 17, 40, 71-73, 165, 169, 200, 208, 238
 60 <223> OTHER INFORMATION: a, t, c, g, or other
 62 <400> SEQUENCE: 2
 W--> 63 tgangttaga ggctcnaaac cgttgccctcc agtagactcn_cgaactgggt ggcagttaca 60
 W--> 64 gacagcatga nnnngcctta aaaagaacgc tcttaagaca tgctcctaaa ggtacgttcg 120
 W--> 65 ttcagccttc attttcagaa taataagcag.cacaaggtga ctggntgcnc ctccctgggg 180

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W--> 66 cagacattta tagacctcan gttttcanac cactgggctt ttgggtctgt cagcgganga 240
67 gaagggtattt cttgacttca gaa 263
69 <210> SEQ ID NO: 3
70 <211> LENGTH: 262
71 <212> TYPE: DNA
72 <213> ORGANISM: Rattus norvegicus
74 <220> FEATURE:
75 <221> NAME/KEY: misc_feature
76 <223> OTHER INFORMATION: Incyte ID No: 700184303H1
78 <220> FEATURE:
79 <221> NAME/KEY: unsure
80 <222> LOCATION: 36, 166, 254
81 <223> OTHER INFORMATION: a, t, c, g, or other
83 <400> SEQUENCE: 3
W--> 84 aaaagccgcg ctgtcctctc ctctgcaccg actctntcct gcggaaccat ggccagcccg 60
85 ctgcgctcct tgatgctact gctggccgct ctggccgtgg cctgggcccgg aacctccagg 120
W--> 86 ccaccccccgc gattgttggg agctccgcag gaggcagatg ccagcnaggga gggcgtgcag 180
87 cgagcgttgg acttcgccgt aagcgagtac aacaagggca gcaacgatgc gtaccacagc 240
W--> 88 cgcgccatac aggnnggtgag ag 262
90 <210> SEQ ID NO: 4
91 <211> LENGTH: 256
92 <212> TYPE: DNA
93 <213> ORGANISM: Rattus norvegicus
95 <220> FEATURE:
96 <221> NAME/KEY: misc_feature
97 <223> OTHER INFORMATION: Incyte ID No: 700184304H1
99 <400> SEQUENCE: 4
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101 atactcactc agtgatgccg ttggcccccct agcaactcgta cttgctagaa atgcagttca 120
102 caagaaagt actaacttgc tcagaataac tgaaagtgc cacacatttc agtaagataa 180
103 ttaagtatca tggatgcaga ttttatctgg agggagaaagt gatgtatatt gtgattcttt 240
104 gtatacattt tctacg 256
106 <210> SEQ ID NO: 5
107 <211> LENGTH: 258
108 <212> TYPE: DNA
109 <213> ORGANISM: Rattus norvegicus
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112 <221> NAME/KEY: misc_feature
113 <223> OTHER INFORMATION: Incyte ID No: 700184305H1
115 <220> FEATURE:
116 <221> NAME/KEY: unsure
117 <222> LOCATION: 256
118 <223> OTHER INFORMATION: a, t, c, g, or other
120 <400> SEQUENCE: 5
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122 gaaccctatac tgggtgtgaag ccttacgaat gtaaccagtg tggcaaaaggc ttgtgctacc 120
123 acagtcatct ccaaaggcat gaaaggacac aactggaga gaaaccttat taacataagc 180
124 aatgtgggaa agcctttgta agtctcagca aacttcagag gcataaatga attcatcctg 240
W--> 125 gagagaaatc tcaagntg 258

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127 <210> SEQ ID NO: 6
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129 <212> TYPE: DNA
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134 <223> OTHER INFORMATION: Incyte ID No: 700184307H1
136 <400> SEQUENCE: 6
137 agaaggagca cgtgccacac tctgtctgta ccacactctc tgcctggggtt gctgggggctt 60
138 cctgctcccc gcaggtctaa gcagcactgg ggtattgaga cgtcgctttc actggagggtg 120
139 ctcatgcttc cggttggttg gcgtataacg gtagagctct cttgggttta ccagctttct 180
140 catccatagg caatacctgg atcttaaatg attagtgcgc cactcgtctc tcagtgtttg 240
141 gctagttcta t                                     251
143 <210> SEQ ID NO: 7
144 <211> LENGTH: 247
145 <212> TYPE: DNA
146 <213> ORGANISM: Rattus norvegicus
148 <220> FEATURE:
149 <221> NAME/KEY: misc_feature
150 <223> OTHER INFORMATION: Incyte ID No: 700184309H1
152 <400> SEQUENCE: 7
153 tgtgacaaaa gttgttagac accatgtagc accattaact gctctagagc ctaatagaca 60
154 gtgtattttg tatttcatgt gtactttttc tgtttcatat tggacttttt acatcccttt 120
155 tttaggaaaa aaaggatata tttaaaaatt ttttagggta atctgtattg gaagctaagt 180
156 atcctcacag ttagcaaata tactttatca ccaaagctaa atgaaactgt aagataacct 240
157 tggatat                                     247
159 <210> SEQ ID NO: 8
160 <211> LENGTH: 248
161 <212> TYPE: DNA
162 <213> ORGANISM: Rattus norvegicus
164 <220> FEATURE:
165 <221> NAME/KEY: misc_feature
166 <223> OTHER INFORMATION: Incyte ID No: 700184310H1
168 <400> SEQUENCE: 8
169 atggaatatt gagaataaca gcattagctt ttggataatg ctccctaatt gaaataatgg 60
170 atcagaacta atggttcctt tcctttctaa acagtctccc tgctaattgat accaagtaac 120
171 atttgaaaga gtaaaactga tcctgagttt cttgagttct tggaagatta aagtcaaacc 180
172 tggtaaccaa aggactgatt tgtgggtcct tcccacttta accaacttgt tcgaaaaccc 240
173 ctagtgtg                                     248
175 <210> SEQ ID NO: 9
176 <211> LENGTH: 218
177 <212> TYPE: DNA
178 <213> ORGANISM: Rattus norvegicus
180 <220> FEATURE:
181 <221> NAME/KEY: misc_feature
182 <223> OTHER INFORMATION: Incyte ID No: 700184312H1
184 <400> SEQUENCE: 9
185 ggcttgtaac tccttttagag tgggacctg tccaccgttg gcagctgttg atgggacact 60
186 gaaaactgtg ttggacttaa gagcctgaat tcccaggatt tagctttctt cccactatgt 120

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187 aatatctcag tatctcaagt ttgatctcag agatcaaact tgggttatat ggggccatct 180
188 ctataagggc tgaagaaggc cctcatcgag gaactcac 218
190 <210> SEQ ID NO: 10
191 <211> LENGTH: 248
192 <212> TYPE: DNA
193 <213> ORGANISM: Rattus norvegicus
195 <220> FEATURE:
196 <221> NAME/KEY: misc_feature
197 <223> OTHER INFORMATION: Incyte ID No: 700184313H1
199 <400> SEQUENCE: 10
200 aaatgatata attaatcat aatacaaaaa tataaaagca ataattttat aagagatgtg 60
201 ttctctcaat tgtcatgatt tcttgactgt acaaaaaacta cagttattaa aatatatgat 120
202 taatatctca taggatattt gggataccct gtctgaatga ccacagcagc tccatgaaatc 180
203 atgaagtatg atatcattct agttctgtcg ttacagtata ggagttttta cttcctccac 240
204 gtgcgaca 248
206 <210> SEQ ID NO: 11
207 <211> LENGTH: 251
208 <212> TYPE: DNA
209 <213> ORGANISM: Rattus norvegicus
211 <220> FEATURE:
212 <221> NAME/KEY: misc_feature
213 <223> OTHER INFORMATION: Incyte ID No: 700184314H1
215 <400> SEQUENCE: 11
216 gttctccggc cctcaagcga ccaggctat cttccagtc cggactccgg tactgctgcc 60
217 ccagaccgcc cgctccagga ccaacccaag ctccgcaggc cgcgcgccgc catggggggtg 120
218 gaaggctgca ccaaatgcat caaatacctg ctcttcgtct tcaatttcgt cttctggctg 180
219 gctggagggtg tgatcctag tgtagctctg tggttgcgcc atgatccaca aaccaccagc 240
220 cttctctacc t 251
222 <210> SEQ ID NO: 12
223 <211> LENGTH: 253
224 <212> TYPE: DNA
225 <213> ORGANISM: Rattus norvegicus
227 <220> FEATURE:
228 <221> NAME/KEY: misc_feature
229 <223> OTHER INFORMATION: Incyte ID No: 700184315H1
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233 cagtgggttaa gtggttaaga ggaggctgat tgagttccca gcgcctacac ggtggctcgc 120
234 catccataac tcctgtccca ggggatccag taccctctta tgacctcctt gaacattgcc 180
235 catgttggtt gcacacatgc atgcaggcaa aagcatccat acacacaaaa caaatgtaaa 240
236 gtttttaaaag att 253
238 <210> SEQ ID NO: 13
239 <211> LENGTH: 256
240 <212> TYPE: DNA
241 <213> ORGANISM: Rattus norvegicus
243 <220> FEATURE:
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245 <223> OTHER INFORMATION: Incyte ID No: 700184316H1
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248 atttgtgtgc aacagtgaga ggaatcttact ggaaaaatct acagagaagg ttccaaacag 60
249 atgtcttatg aggtggtaat gacacgcca caagctaccc tgtagaatcc attgataccc 120
250 atatcctaac acaagctgat ctctgaacc tgtgtccaag gcagagtta cctagaagtt 180
251 tcctcaagac ttcccaaaag tcagaacatt tcatatttca gacactgtaa aaatcccaca 240
252 ctgtctctgg agacaa 256
254 <210> SEQ ID NO: 14
255 <211> LENGTH: 260
256 <212> TYPE: DNA
257 <213> ORGANISM: Rattus norvegicus
259 <220> FEATURE:
260 <221> NAME/KEY: misc_feature
261 <223> OTHER INFORMATION: Incyte ID No: 700184318H1
263 <220> FEATURE:
264 <221> NAME/KEY: unsure
265 <222> LOCATION: 68
266 <223> OTHER INFORMATION: a, t, c, g, or other
268 <400> SEQUENCE: 14
269 gttacgaata tctcgggtgc tgtgtgccaa cccgtacagc cgcctctgca agcgaccagc 60
W--> 270 actgcagnga caggaccat atcgctcaca aatcccacta ttcaacggcc.tttctcttct 120
271 tctaattata ccaagaaggc agtctctggt gcagtaacct ctctgcaag actttgtagt 180
272 ctacgcccac accgaggctt ttctctatcc cagcttgagt gtggtatttt aataaacggt 240
273 ctctcagcct cctgggggtgc 260
275 <210> SEQ ID NO: 15
276 <211> LENGTH: 252
277 <212> TYPE: DNA
278 <213> ORGANISM: Rattus norvegicus
280 <220> FEATURE:
281 <221> NAME/KEY: misc_feature
282 <223> OTHER INFORMATION: Incyte ID No: 700184321H1
284 <400> SEQUENCE: 15
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286 atggcattgt gaagcacttc cataaacctg agaaagagcg tggcagctcg acgctggtgc 120
287 tttgtggaga gtgtggtctc gtttcagcac tggagcaagc ttccagcat ggatttaaat 180
288 caccgagct ctccaaaaat gtcttcattt gggacttctt ggagaaagca caaacctatt 240
289 atgagacgtt ag 252
291 <210> SEQ ID NO: 16
292 <211> LENGTH: 250
293 <212> TYPE: DNA
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296 <220> FEATURE:
297 <221> NAME/KEY: misc_feature
298 <223> OTHER INFORMATION: Incyte ID No: 700184322H1
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302 tggccaacac ttctgggaaa tcaagatgac ctctccggtg tatggcactg atatgatggt 120
303 gggcatcggg acatcagacg tagacctgga caagtaccac cacacgttct gcagcctgct 180
304 gggcagggat gaagacagct gggggctctc ctacacgggg ctctccacc acaaaggcga 240
305 caagacgagc 250
307 <210> SEQ ID NO: 17

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Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.